

Course Title: - Data Base Management System (DBMS) 2011  
Course Code: - BIT-204  
Semester - II  
Time: -  $2\frac{1}{2}$  hours  
Max Marks :- 80

Section A (Very short answer type questions to be answered in about 20 words)  
Q1.

- (i) What is Database and its advantages?
- (ii) Difference between Schema and Instance?
- (iii) Define attributes and tuple?
- (iv) Define Inconsistency of Database?
- (v) Define 3NF?
- (vi) Define DML and DDL?
- (vii) Difference between Table and Views?
- (viii) Difference between join and equi join

Section B (Short answer type Questions to be answered in about 250 words).

- Q(2) Difference between Traditional file system and Database Management System?
- Q(3) Difference between Network Model and Hierarchical Model?
- Q(4) What is Normalization? Explain BCNF with the help of suitable example?
- Q(5) Why does SQL allow duplicate tuples in a Table or in a Query result

Section C (Long answer type Questions to be answered in about 500 words)

- Q(6) What is the difference between a database schema and database state?
- Q(7) What are the different types of database end users? Discuss the main activities of each?
- Q(8) What is Functional Dependency? What type of constraint does it specify?
- Q(9) What is Procedure and write a simple procedure program for Library Management System to display some information of the student and staff members?